

MAINE, NEW HAMPSHIRE & VERMONT DEPARTMENTS OF TRANSPORTATION

REQUEST FOR EXPRESSIONS OF INTEREST

NEW ENGLAND COMPASS REGIONAL ADVANCED TRANSPORTATION MANAGEMENT SYSTEM (ATMS) AND TRAVELER INFORMATION SYSTEM (TIS)



STATE OF NEW HAMPSHIRE
NEW ENGLAND COMPASS REGIONAL ADVANCED TRANSPORTATION MANAGEMENT
SYSTEM (ATMS) AND TRAVELER INFORMATION SYSTEM (TIS)
REQUEST FOR EXPRESSIONS OF INTEREST

The New Hampshire Department of Transportation ("Department"), through the Bureau of Transportation Systems Management and Operations (TSMO), is seeking expressions of interest from entities ("Respondents") that are interested in supporting the New England Compass regional Advanced Transportation Management System (ATMS) and Traveler Information System (TIS) project through sponsorship funding, the development of additional traveler information dissemination platforms, or related public private partnerships.

The New England Compass ATMS/TIS and potential sponsorship opportunities are described in Appendix A.

Purpose & Process:

The purpose of this announcement is to gather information and gauge the interest level from the private sector (Respondents) on potential sponsorship partnerships, development of additional traveler information dissemination platforms, or public private partnerships that will expand the effectivity and accuracy of the Compass system. The State intends to use the results of this RFI to determine if a formal Request for Proposals (RFP) should be developed.

Respondents that submit a formal Expression of Interest, in accordance with submittal requirements outlined below, may request to present their proposal to the Department. Respondents must submit a presentation request via email to the RFI Coordinator:

Ms. Denise Markow, P.E.
New Hampshire Department of Transportation
Bureau of Transportation Systems Management and Operations (TSMO)
110 Smokey Bear Boulevard
Concord, New Hampshire, 03301
E-Mail: DMarkow@dot.state.nh.us

by the date/time listed in the RFI schedule. Presentations will be scheduled by the Department. Presentations will be limited to one hour and all presentation costs incurred by the Respondent shall be borne by the Respondent.

After a review of the RFI responses, including any scheduled presentations, and an assessment of the marketplace for ATMS/TIS sponsorships or services, the Department may choose to issue a Request for Proposal (RFP). Participation in the RFI process is not a requirement for any subsequent competitive procurement, although the results of this RFI may be used to build and refine an RFP. The Department reserves the right to refrain from issuing an RFP or any other formal solicitation document for these State-owned lines. This RFI is not a formal solicitation and no contract will be awarded as a result. If an RFP is issued, the Department will outline specific requirements that the Respondent(s) must meet to obtain an Operating Agreement from the Department.

Some assumed conditions and requirements that may be included in a competitive solicitation include, but are not limited to:

- NHDOT will not allow exclusivity in the use of Compass ATMS/TIS data, including camera video or snapshots.
- All sponsorship parties, including third-party sponsors, must comply with all applicable laws including the provisions prohibiting discrimination based on race, religion, color, age, sex, and national origin.
- The New Hampshire FHWA Division Administrator must approve all sponsorship agreements involving the interstate highway system.

RFI Schedule	
Release RFI	December 10, 2015
Respondents' Questions due by 3pm EST	January 8, 2016
Addenda (response to questions) issued by Department online by 3pm EST	January 15 2016
Respondents' Expressions of Interest Due by 3pm EST	February 11, 2016
Requested presentations will be scheduled on or before	February 25, 2016

Appendix A

Section 1: New England Compass ATMS/TIS Overview

The States of New Hampshire, Vermont, and Maine, acting through the New Hampshire Department of Transportation (NHDOT), have initiated a project to develop the New England Compass; a regional Advanced Transportation Management System (ATMS) and Traveler Information System (TIS). There are three interrelated elements to this ATMS/TIS which include:

- a. an Advanced Transportation Management System that monitors and controls ITS field devices as well as provide a system to report, manage and review incidents and events,
- b. a Traveler Information System that includes a traveler information website and e-mail and text alert subscription service, and
- c. a Data Hub which will facilitate the exchange of information between the ATMS and TIS. The Data Hub is a standards based, ESRI geospatial platform and framework that collects, stores, integrates, analyzes, and disseminates data. The Data Hub will provide a data feed (1201 Feed) to private sector entities and third-party developers.

High level system and data hub implementation architectures are provided below:

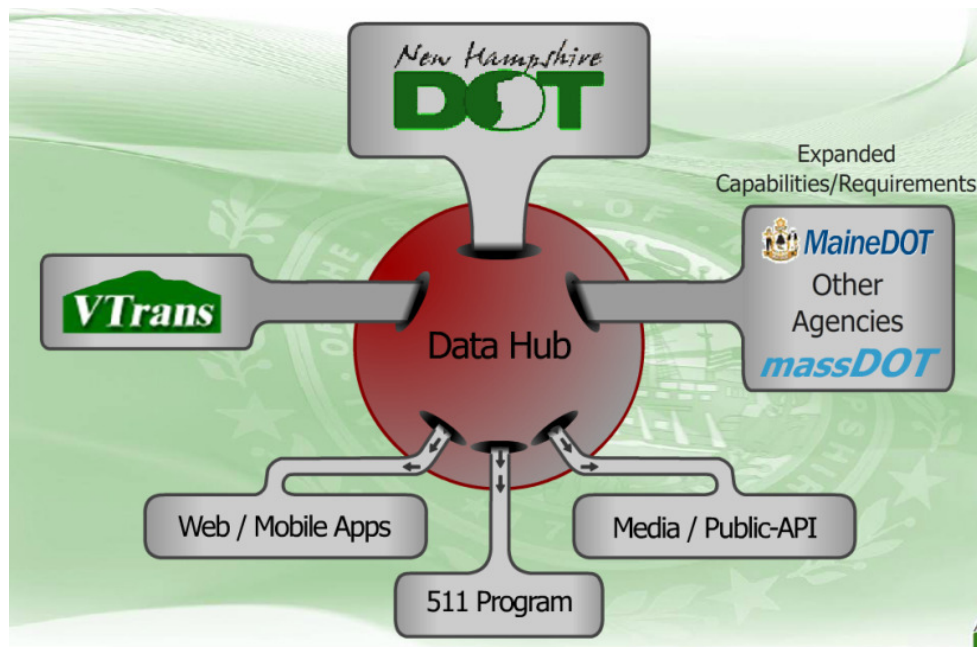


Figure 1: Advanced Transportation Management System and Traveler Information System Architecture

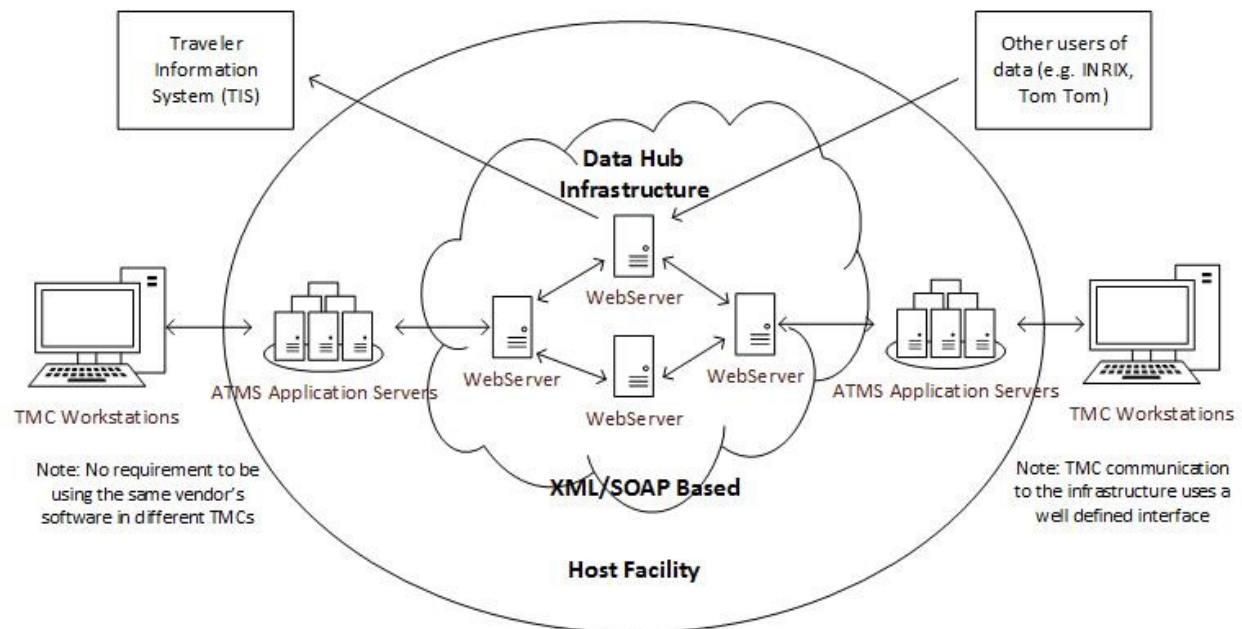


Figure 2. Data Hub High Level Architecture

Section 2: TIS Website Attributes

The New England Compass TIS includes a website (to be www.newengland511.gov) for the dissemination of traffic and traveler information for the three states. This TIS website is expected to go “online” in the spring of 2016.

As indicated in **Figure 3: Draft TIS Webpage Layout**, within this website, a sponsorship “box” will be available to recognize sponsorship of the TIS.

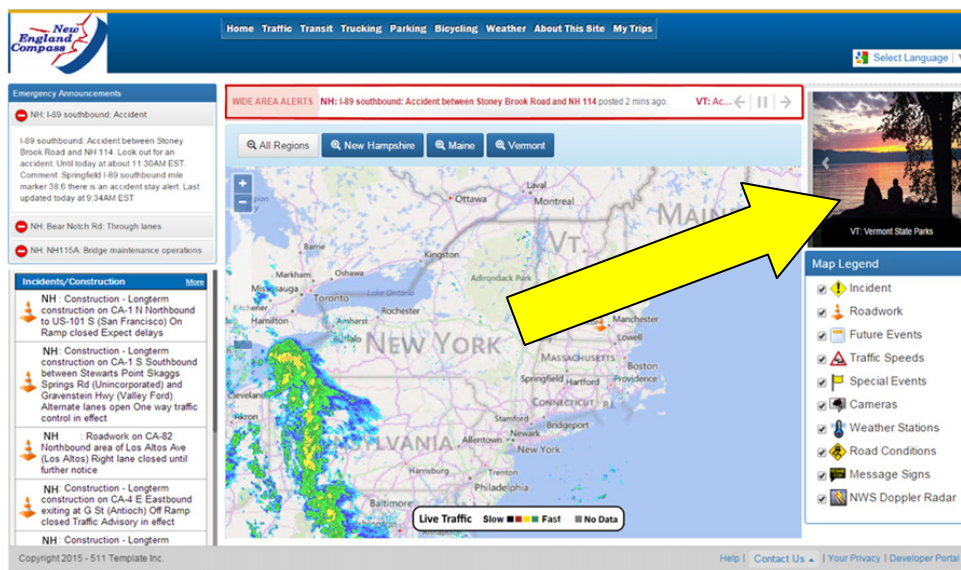


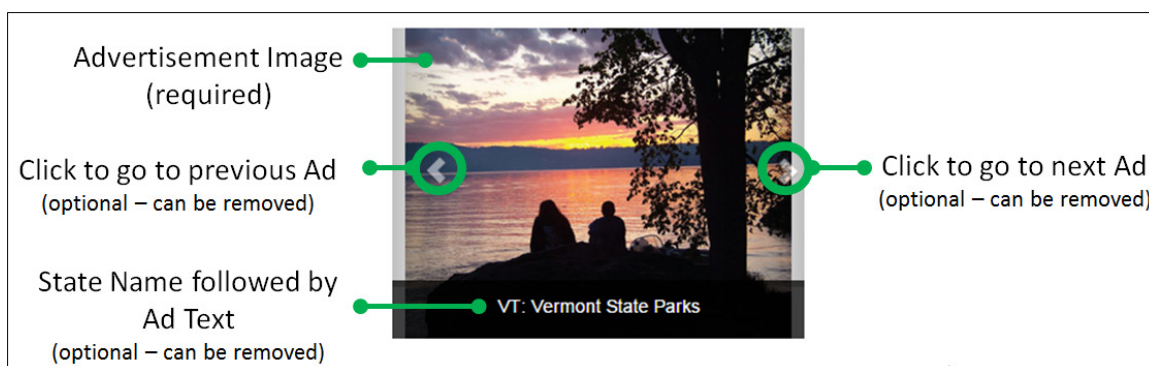
Figure 3: Draft TIS Webpage Layout

Sponsorship “Box” Attributes

As detailed in **Figure 3: Draft TIS Sponsorship “Box” Layout** The sponsorship “box” on the website shall contain sponsorship or public safety images supplied by Maine, New Hampshire and Vermont.

- The sponsorship box scrolls between the three states with a configurable scrolling rate (nominally 6 seconds per state).
- Left and Right arrows to go to previous or next sponsor panel are optional.
- An optional footer section with name of the state and sponsorship title may be inserted.
- The sponsorship “box” shall contain sponsor information, contracted through this RFP one-third of the time during the length of any sponsorship agreement.
- The sponsorship “box” shall contain a sponsor image and a link to the sponsor website.

Figure 4: Draft TIS Sponsorship “Box” Layout



Section 3: POTENTIAL SPONSORSHIP OPPORTUNITIES

Sponsorship opportunities for Maine, New Hampshire and Vermont are identified in the table below **Table 1: Sponsorship Support Summary**. Elements within the table are detailed in the sections that follow.

Sponsorship Opportunity	Maine	New Hampshire	Vermont
New England Compass roadside signs sponsor logo panels	No	Yes	No
Advertising on the TIS Mobile Application	NA	NA	NA
Sponsor logo on the website	Yes		
Sponsor logo on the state website	No	No	No
New England Compass logo panels on DOT vehicles	No	No	Yes**
Sponsor logo panels on DOT vehicles	No	No	No
New England Compass system promotion on the DMS	Yes	Yes	Yes
New England Compass system promotion on DOT related press, radio, TV correspondence	Yes	Yes	Yes

Table 1: Sponsorship Support Summary

**** Vermont New England Compass logos must include the 511 trademark.**

Definitions and Clarifications

1. **New England Compass roadside signs sponsor logo panels** – these panels shall be placed below a New England Compass Traveler Information Sign as defined in the NHDOT Roadside New England Compass Sign Design and Installation Guidelines section of this Document.
2. **Sponsor logo on the website** - sponsor messages/links displayed on the New England Compass website. For example:



3. **New England Compass logo panels on DOT vehicles** – these logo panels identify the New England Compass service and do NOT contain a sponsor logo/message. The location, size and acceptable location of these logo panels are subject to state approval. The Sponsor at their own cost shall install these logo panels. For example:



4. **TIS Promotion on the DMS** - in order to support the New England Compass Traveler Information System, Maine, New Hampshire and Vermont shall display “SEE NEWENGLAND 511 TRAFFIC INFO ON THE WEB” type messages on the Maine, New Hampshire and Vermont overhead and portable message signs. The length of time and the number of times a promotion is displayed on the DMS are subject to each state’s existing guidelines or policy on DMS usage.
 - a. Maine, New Hampshire and Vermont shall coordinate the display of New England Compass messages to maximize the utilization of the New England Compass system, including annual and season specific messages, as well as displays to disseminate information on New England Compass system upgrades and attributes.
 - b. The Maine, New Hampshire and Vermont DMS shall not display sponsorship messages.
5. **TIS Promotion through State Communications** - Maine, New Hampshire and Vermont shall promote the New England Compass Traveler Information System through press releases and correspondence with State Agencies, incident response providers, and the public. Examples may include:
 - a. New England Compass Logo on DOT memorandums,
 - b. New England Compass Press releases
 - c. Public service New England Compass messages through TV and radio
 - d. New England Compass Logo and service descriptions in State travel/tourism publications (maps, guidebooks, brochures)
 - e. New England Compass Logo, service information and links on State travel/tourism and DOT websites and kiosks in visitor centers.

Section 4: NHDOT Roadside Sign Design and Installation Guidelines

Please Note: The information presented below should be considered draft guidelines for Respondents to consider in responding to this solicitation.

GENERAL

New England Compass Traveler Information Signs and Acknowledgment Plaques may be erected upon New Hampshire state highways or conventional roads under the jurisdiction of the Department, including the divided portions of the NH Turnpike system. The New England Compass Traveler Information Signs and Acknowledgment Plaques installed by the Sponsor shall be at their own cost. Signs and plaques shall conform to the standards and guidance of the Federal Manual on Uniform Traffic Control Devices (MUTCD)

Responsibilities of NHDOT.

NHDOT shall review and accept or deny applications submitted for roadside New England Compass Traveler Information Service signs, and

NHDOT shall provide a representative from the Bureau of Traffic who will coordinate with the Sponsor on the installation locations and replacement of New England Compass Traveler Information Service signs and Acknowledgement Logo Panels.

Responsibilities of the Traveler Information Service Sponsor.

The Sponsor shall submit an application to the Department for the provisioning and installation of individual New England Compass Traveler Information Service signs;

The Sponsor shall submit an application to the Department for the installation of Acknowledgement Plaques on individual New England Compass Traveler Information Service signs;

The Sponsor shall secure all necessary permits and approvals for sign installation that includes notifying the appropriate Highway Maintenance District or Turnpikes for any work in the right of way.

The Sponsor shall construct and install New England Compass Traveler Information Service signs and Acknowledgement Plaques.

The Sponsor shall comply with NHDOT regulations for the maintenance and protection of traffic for installation and removal activities within the highway right of way. Any traffic control that may be required for installation of the logo panels will be coordinated through the Department but will be paid for by the Sponsor.

The Sponsor shall install replacement New England Compass Acknowledgement Logo panels as sponsors change.

The Sponsor shall remove or relocate any New England Compass Traveler Information Service signs and/or Acknowledgement Plaques that the Department deems necessary because of safety concerns, or interference with the safe flow of traffic.

The Sponsor shall replace vandalized Acknowledgement Plaques and New England Compass Traveler Information Service signs at their own cost.

The Sponsor and its Contractor shall agree to hold harmless the Department and its agents from claims arising out of the work and services provided in accordance with and to the extent allowed under RSA 99-D or any other applicable statutes.

The Sponsor shall remove and dispose of all Acknowledgement Plaques at the conclusion of the TIS contract. The Sponsor shall also remove and dispose of any Acknowledgement Plaques of a sponsor that is taken off the program if such action occurs during the contract.

The Sponsor shall supply the Department with a quarterly update of current and expired sponsors and acknowledgement plaques including locations.

Placement of New England Compass Traveler Information Signs

Because regulatory, warning, and guide signs have a higher priority, New England Compass Traveler Information Service signs shall only be installed where adequate spacing is available between the acknowledgment sign and other higher priority signs. Acknowledgment signs shall not be installed in a position where they would obscure the road users' view of other traffic control devices.

A maximum of one New England Compass Traveler Information Service sign in each direction may be installed between highway interchanges. NHDOT may exclude some areas due to interchange spacing in relationship to the number of signs already in the area or the complexity of the roadway environment. Initial determinations of exchanges that are to be excluded include:

- (a) Manchester, I-293, Exits 4 through 7
- (b) Manchester, I-93, Exits 6 through 8 (including the merge from NH 101 eastbound to I-93 northbound)
- (c) Concord, I-93, Exits 12 through 15 (including the merge from I-89 southbound to I-93 northbound)
- (d) Portsmouth, I-95 northbound, Exits 3-7
- (e) Portsmouth, I-95 southbound, Exits 5-3

New England Compass Traveler Information Service signs may be proposed on all divided highway corridors, US and NH State routes at the entrance to the State of New Hampshire or as well as in areas of travel where average daily travel (ADT) is greater than 5000. Average daily traffic data for New Hampshire routes can be found at www.nhdot.com

New England Compass Traveler Information Service signs shall not be installed at any of the following locations:

On the front or back of, adjacent to, or in close proximity to any other traffic control device, including traffic signs, highway traffic signals, and changeable message signs,

On the front or back of, adjacent to, or around the supports or structures of other traffic control devices, or bridge piers, or

At key decision points where a road user's attention is more appropriately focused on other traffic control devices, roadway geometry, or traffic conditions, including exit and entrance ramps, intersections, highway-rail grade crossings, toll plazas, temporary traffic control zones, and areas of limited sight distance.

The minimum spacing between New England Compass Traveler Information Service signs and any other traffic control signs, except parking regulation signs, should be:

- 150 ft. on roadways with speed limits of less than 30 mph,
- 200 ft. on roadways with speed limits of 30 to 45 mph, and
- 500 ft. on roadways with speed limits greater than 45 mph.

If the placement of a newly-installed traffic control device, such as a sign, a highway traffic signal, or a temporary traffic control device, conflicts with an New England Compass Traveler Information Service sign, the New England Compass Traveler Information Service sign shall be relocated, covered, or removed by the Sponsor as determined by the Department.

Design and Legibility of New England Compass Traveler Information Service Sponsorship Acknowledgement Plaques

Figure 5 below contains typical New England Compass Traveler Information Service sign and Acknowledgement Plaque designs. Design parameters are detailed as follows:

The logo of a commercial entity shall not be incorporated within the New England Compass Traveler Information Service sign.

Acknowledgement Plaques shall be placed below the New England Compass Traveler Information Service sign.

The Acknowledgement Plaque shall not exceed the lesser of 1/3 the size of the New England Compass Traveler Information Service sign under which it is mounted or twenty-four square feet.

The Acknowledgment Plaque shall be either an identification symbol/trademark or a word message. The acknowledgment logo shall be placed on a Plaque, which shall be attached to the New England Compass Traveler Information sign. Symbols or trademarks used alone for an acknowledgment logo shall be reproduced in the colors and general shape consistent with customary use, and any integral legend shall be in proportionate size. An acknowledgment logo that resembles an official traffic control device shall not be used.

In order to avoid confusion with the New England Compass Traveler Information sign, a word message acknowledgment logo, not using a symbol or trademark, shall be a white legend on blue background.

Where business identification symbols or trademarks are used alone for an acknowledgment logo, the logo may not be more than 1/3 the size of the Acknowledgement Logo panel. The border may be omitted from the acknowledgment logo.

New England Compass Acknowledgement Plaque designs developed shall comply with the following provisions:

Acknowledgment Plaques shall be retroreflective.

Neither the Acknowledgment Plaque design nor the sponsor acknowledgment logo shall contain any contact information, directions, slogans (other than a brief jurisdiction-wide program slogan, if used), telephone numbers, or internet addresses;

Except for the lettering, if any, on the sponsor acknowledgment logo, all of the lettering shall be in upper-case letters;

The sign shall not contain any messages, lights, symbols, or trademarks that resemble any official traffic control devices;

The sign shall not contain any light-emitting diodes, luminous tubing, fiber optics, luminescent panels, or other flashing, moving, or animated features; and

The Acknowledgment Plaque shall not distract from official traffic control messages such as regulatory, warning, or guidance messages.

Figure 5:
Typical New England Compass Traveler Information Service Sign and
Acknowledgement Plaque Designs

New England Compass Sign (Pictograph)
(Based on MUTCD Section 2I.10 TRAVEL INFO CALL 511 Signs)



New England Compass Travel
Information Service Sign Size:

Conventional Road 42 x 60
Freeway 66 x 78

Acknowledgement Plaque:

Placed under New England
Compass Travel Information Sign

Acknowledgement Plaque Size:

Lesser of 1/3 the size of the New
England Compass Travel
Information Service Sign under
which it is mounted, or twenty-four
square feet

Acknowledgement Plaque Color:

White lettering on a blue
background